

CONFIDENTIAL

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AIR

REF 58-1538  
12 DEC 1958

- : Chief, WEMCA [redacted]
- : Chief, WEMCA, [redacted]
- : Chief, WEMCA

25X1

- Engineering
- (RS-16/AS-4 Installations)

REF : WASH 08054 not sent WEMCA

1. Because of the uncertainties of maintaining conventional radio communications from [redacted] due to the political situation, we have decided to provide emergency radio communication facilities by the use of the RS-16 high speed burst transmission radio set. We plan to ship RS-16 sets to [redacted]

25X1

The AS-4 receiving terminal is to be located at [redacted] since it is a more favorable location, propagationwise, than [redacted]

25X1

25X1

25X1

25X1

2. The RS-16 is a small, lightweight agent set capable of transmitting [redacted]

25X1

25X1

The AS-4 receiving terminal has the following specifications:

Frequency Range  
Channel Selection  
Reception  
Data Output  
Power Requirements  
Cabinet Size

60 wpm on a conventional teletypewriter  
3.9 KVA, 115 VAC, 33.4 A, 50 - 60 cps  
Four cabinets, each 29" x 21" x 72"  
It may be possible to place this equipment in the space formerly utilized by System II.

25X1

Two antennas in space diversity are required for optimum reception.

3. The AS-4 receiving terminal will be air shipped approximately 10 January. We hope that [redacted] will be available from [redacted]

25X1

25X1

25X1

C/OC-3D R+D OC-T MIB SIB

C/OC-E

DOC	15	REV DATE	7 APR 1960	BY	064540
ORIG COMP	033	OPI	56	TYPE	10
ORIG CLASS	5	PAGES	2	REV CLASS	C
JUST	22	NEXT REV	2010	AUTH:	HR 70-2

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AIR

EX-58-1001

- : Chief, WEMCA [ ]
- : Chief, WEMCA, [ ]
- : Chief, KUCLES

25X1

- Engineering
- RS-16/AS-4 Installations

REF : MARK 02054 not sent WEMCA

1. Because of the uncertainties of maintaining conventional radio communications from [ ] due to the political situation, we have decided to provide emergency radio communication facilities by the use of the RS-16 high speed burst transmission radio set. We plan to ship RS-16 sets to [ ] The AS-4 receiving terminal is to be located at [ ] since it is a more favorable location, propagationwise, than [ ]

25X1

25X1

25X1

25X1

25X1

2. The RS-16 is a small, lightweight agent set capable of transmitting [ ] The AS-4 receiving terminal has the following specifications:

25X1

25X1

25X1

- Frequency Range
- Channel Selection
- Reception
- Data Output
- Power Requirements
- Cabinet Size

[ ]  
60 wpm on a conventional teletypewriter  
3.9 KVA, 115 VAC, 33.4 A, 50 - 60 cps  
Four cabinets, each 29" x 21" x 72"  
It may be possible to place this equipment in the space formerly utilized by System II.

Two antennas in space diversity are required for optimum reception.

3. The AS-4 receiving terminal will be air shipped approximately 10 January. We hope that [ ] will be available from

25X1

25X1

[ ] C/OC-3D R+D OC-T MEB SIB [ ] C/OC-E 25X1

DOC	15	REV DATE	7 APR 1980	BY	064540
ORIG COMP	033	OPI	56	TYPE	10
OMG CLASS	5	PAGES	2	REV CLASS	C
JUST	22	NEXT REV	2010	AUTH:	HR 10-2

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REF ID: A66557

SUBJECT: AA-1/AA-4 Installations

WCA to supervise and instruct [ ] is the installation, operation, and maintenance of the AA-4 receiving terminal. After the installation is completed, an engineer from [ ] (developer of the AA-1/AA-4) will be sent to [ ] for any final adjustments of the system which may be necessary. [ ] (identification follows) a transmission from the [ ] will be sent to the [ ] to install the AA-1 and instruct the personnel in its operation.

25X1

25X1

25X1

25X1

25X1

4. We will forward more details to you as they become available.

25X1

11 December 1958

## Distribution:

Original + 2 - Chief, WEMCA  
 3 - Chief, MECA, [ ]  
 1 - OC-BC  
 1 - MEB  
 1 - R+D ✓  
 1 - OC-T  
 1 - OC-MD  
 1 - OC-X Chrono  
 2 - FES  
 1 - EDS  
 1 - SDS Chrono

25X1

## Origination:

OC-E/MEB/EDS [ ]

11 December 1958

25X1

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